ECS Configuration Change Request

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1. Originator Art Capati	2. Log Date: 7 AUG 00	3. CCR #: 00-0804	4. Rev: —	5. Tel: 301-925-0460	6. Rm #: 2034C	7. Dept. S.E.

8. CCR Title: Deploy ClearCase 3.2.1 to EDF, and deliver the upgrade release package to SMC for distribution to the DAACs.

9. Originator Signature/Date	10. Class II	11. Type: CCR	12. Need Date: 09/13/00
13. Office Manager Signature/Date Wanda Jones Brown 8/8/00	14. Category of Change: EDF (RTSC)		15. Priority: (If "Emergency" fill in Block 28). Routine

16. Documentation/Drawings Impacted: 910-TDA-003 920-TD(E,G,L,N,V,S)-002	17. Schedule Impact:	18. CI(s) Affected:

19. Release Affected by this Change: 5B	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
n/a

23. Problem: (use additional Sheets if necessary)
The current ClearCase version 3.1.1 doesn't run on SGI Irix 6.5 machines. The ECS project baseline code for SGI needs Irix 6.5. The ClearCase version 3.2.1 runs on SGI Irix 6.5.

24. Proposed Solution: (use additional sheets if necessary)
Deploy ClearCase version 3.2.1 to EDF, and deliver the following release package tar files to SMC for distribution to the DAACs, i.e.
v3.2.1_sun5.tar.Z (for Sun platform)
v3.2.1_sgi6.tar.Z (for SGI platform)
v3.2.1_release_notes.tar.Z (release information)

25. Alternate Solution: (use additional sheets if necessary)
N/A

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
The ECS project baseline code for SGI will not complete without the required SGI Irix 6.5 code build.

27. Justification for Emergency (If Block 15 is "Emergency"):
n/a

28. Site(s) Affected: ☒EDF ☐PVC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☒SMC ☐AK ☐JPL
☐EOC ☒IDG Test Cell ☐Other CM Only.

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): Byron Peters 8/17/00	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): 8/17/00	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ORIGINAL

ADDITIONAL SHEET

CCR #: 00-0804 **Rev:** — **Originator:** Art Capati

Telephone: 301-925-0460 **Office:** 2034C

Title of Change:

Deploy ClearCase 3.2.1 to EDF, and deliver the upgrade release package to SMC for distribution to the DAACs.

To deploy ClearCase 3.2.1 at the EDF, simply run this script, "/net/jeep/ccase_rel/v3.2.1/{sun5,sgi6}/install/install_release" on specific machine per the EDF machine listing (to be provided by RTSC and attached as part of this CCR).

At the DAACs, the installation instructions are provided in the PSR document such as this,

These are one-time install directions in installing ClearCase Version 3.2.1 at the DAACs on SUN and SGI platforms:
1. Obtain the 3 tar files from the SMC
   v3.2.1_sun5.tar.Z (for SUN platform)
   v3.2.1_sgi6.tar.Z (for SGI platform)
   v3.2.1_release_notes.tar.Z (some release upgrade information)
2. Put these files into your local ClearCase "release area". If you're not sure where the local release area is, logon to a machine that already has ClearCase installed and "cd" to /usr/atria/doc/tutorial. Once there, run command "ls -al". This will list out the files in this directory, which (if installed correctly), should show links to some other network disk. For example, in Landover this location shows up as:
   /net/jeep/ccase_rel/v3.2.1/....
If these files do not show up as links, the system administrator should know where the ClearCase install area is for your site. Copy the tar files obtained from the SMC to the "v3.2.1" subdirectory at this location (you may have to become "root" to write to this directory).
3. Become "root" user on the machine that owns the "release area," and uncompress all tar files:
   # uncompress v3.2.1*.Z   (this will uncompress all the tar files)
4. Extract the resulting tar files (as "root," PRESERVING permissions with the "p" option of tar) one at a time:
   # tar xvfp v3.2.1_sun5.tar
   # tar xvfp v3.2.1_sgi6.tar
   # tar xvfp v3.2.1_release_notes.tar
5. It is expected that all required Operating System (OS) patches on SUN and SGI have already been installed at the DAACs. For information on Operating System patches and disk space requirements, please refer to the "html" files found under the "v3.2.1_release_notes" directory that you just received. To bring up and read these "html" files, simply run the command,
   # netscape disk_space_req.html
(NOTE: The "html" files are only copies taken from the vendor's web site for specific reference information and don't provide the correct hyperlinks to other web pages.)
6. Once the OS patches have been installed, become "root" on the machine to be installed, and "cd" to specific "{sun5,sgi6}/install" directory of the release area. For example:
   # cd /net/jeep/ccase_rel/v3.2.1/sun5/install
7. [Optional]: Run script "./site_prep" , verifying that all "default" requests are valid (the script will prompt for items such as "License server" and "Registry server") – the defaults it shows should look familiar to your site, as this "site_prep" script would have been done on previous installations of ClearCase (simply enter a carriage return to accept the defaults). If you are installing ClearCase for the first time, the License Server and Registry server should be set up and configured by the System Admin who is familiar with the network system. These new setup and configuration should then be entered as prompted during the installation process.
8. Make sure everyone is LOGGED OFF the machine to be installed (and adequately warned), as this step WILL REBOOT THE MACHINE. Run script "./install_release" – similar to the "site_prep" questions asked in above step #7, this script will prompt you to enter such information as the "License Server" and "Registry Server." To accept the defaults, simply enter a carriage return (the defaults should be correct as these answers were supplied during the original ClearCase installation). If they are incorrect, see the system administrator for new locations, and change the defaults by running the "site_prep" script as described in above step #7.

The ClearCase Version 3.2.1 has the following version and patch information (clearcase_p, represents the patch number):
SUN (Sun Corporation)

ClearCase version 3.2.1 (Mon Sep 28 10:5ɔ.ɔ6 EDT 1998)
clearcase_p3.2.1-25 (Thu Dec 02 08:37:27 EST 1999)
clearcase_p3.2.1-29 (Tue Mar 28 14:34:00 EST 2000)
@(#) MVFS version 3.2.1+ (Wed Nov 3 13:46:48 EST 1999)
cleartool version 3.2.1+ (Sat Feb 19 13:12:59 EST 2000)
 SGI (Silicon Graphics, Inc.)
ClearCase version 3.2.1 (Tue Nov 24 13:41:24 EST 1998)
clearcase_p3.2.1-15 (Fri May 21 09:20:17 EDT 1999)
clearcase_p3.2.1-27 (Fri Jan 28 14:33:56 EST 2000)
clearcase_p3.2.1-29 (Tue Mar 28 15:03:04 EST 2000)
@(#) MVFS version 3.2.1+ (Sat Jan 1 13:34:46 EST 2000)
cleartool version 3.2.1+ (Sat Feb 19 13:41:38 EST 2000)

The ClearCase 3.2.1 Upgrade Release packages include the following tar files:

Checksum	Blocksize	Filename
1442170803	77350177	v3.2.1_sun5.tar.Z (for SUN platform)
1170675141	74146362	v3.2.1_sgi6.tar.Z (for SGI platform)
3439195510	596489	v3.2.1_release_notes.tar.Z

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